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 DICTIONARY FILE UPDATES: 1 APR 2008 HIGHEST RN 1011527-65-3

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=> d que sta l17  
 L8 5668 SEA FILE=REGISTRY ABB=ON PLU=ON (N2C3 OR NCNC2)/ES AND  
 46.150.18/RID AND OC4-C6/ES  
 L15 STR  
 Hy^Cb  
 1 2

NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED  
 ECOUNT IS E3 C E2 N AT 1  
 ECOUNT IS E6 C AT 2

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 2

STEREO ATTRIBUTES: NONE  
 L17 3137 SEA FILE=REGISTRY SUB=L8 SSS FUL L15

100.0% PROCESSED 5668 ITERATIONS 3137 ANSWERS  
 SEARCH TIME: 00.00.01

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 FILE 'HCAPLUS' ENTERED AT 14:00:25 ON 02 APR 2008  
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FILE COVERS 1907 - 2 Apr 2008 VOL 148 ISS 14  
 FILE LAST UPDATED: 1 Apr 2008 (20080401/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

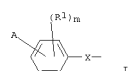
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L22 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN  
 RN 841294-74-4P 841294-76-6P 841294-77-7P  
 DN 142:129317  
 TI Preparation of phenylazole derivatives as antioxidants  
 IN Umada, Nobuhito; Mochiduki, Nobuo; Uchida, Seichi; Takada, Mitsumasa; Ikeyama, Seichi; Tsubokura, Shiro; Shiinoki, Yasuyuki; Shirato, Fumie; Moroe, Hiroko  
 PA Nippon Soda Co., Ltd., Japan  
 SO PCT Int. Appl., 165 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN\_CNT 1

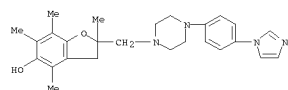
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO-2005012293	A1	20050210	2004WO-IP0011297	20040730
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DE, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KS, LC, LK, LR, LS, LT, LU, LV, NA, MD, MG, MK, MN, MW, MX, ME, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TR, TT, TE, UA, US, UZ, VC, VN, YU, ZA, ZM, ZW				
FW: BW, CH, GM, KE, LG, MW, NE, NG, SD, SI, SE, TE, US, ZM, ZW, AM, AZ, BY, EG, KE, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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AD-2004260758	B2	20070607		
CA-2534263	A1	20050210	2004CA-002534263	20040730
EP-1650206	A1	20060426	2004EP-000748268	20040730
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
US-20060247228	A1	20061102	2006US-000566820	20060130
PRAI 2003JP-000285421	A	20030801		
2003JP-000294881	A	20030811		
2003JP-000298443	A	20030822		
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2004JP-000023971	A	20040130		
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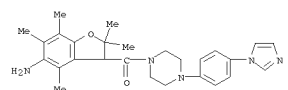
AB The title compds. BDE [B is I, etc.; A is optionally substituted imidazolyl or pyrazolyl; R1 is (un)substituted alkyl, etc.; m is 0 or 1 - 4; X is O, etc.; D is oxygen, sulfur, etc.; E is NHR10 or OR11-substituted chroman-2-yl, chroman-4-yl, etc.; R10 is H, alkylcarbonyl, etc.; R11 is H, alkylcarbonyl, etc.] are prepared. The title compds. are useful in the treatment of cerebrovascular disorder, etc. Thus, 4-[(1)-(5-amino-2,4,6,7-tetramethyl-2,3-dihydro-1H-imidazol-1-yl)phenyl]piperazine was prepared in a multistep process from 1-acetyl-4-(4-bromophenyl)piperazine and imidazole. A formulation is given.

IT 841294-26-6P 841294-27-7P 841294-28-8P  
 841294-38-0P 841294-39-1P 841294-42-6P  
 841294-43-7P 841294-44-8P 841294-45-9P  
 841294-48-2P 841294-49-3P 841294-50-6P  
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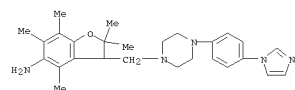
L22 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN (Continued)  
 RN 841294-39-1 HCAPLUS  
 CN 5-Benzofuranol, 2,3-dihydro-2-[[4-[4-(1H-imidazol-1-yl)phenyl]-1-piperazinyl]methyl]-2,4,6,7-tetramethyl- (CA INDEX NAME)



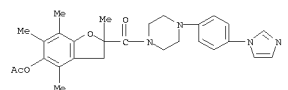
RN 841294-42-6 HCAPLUS  
 CN Piperazine, 1-[(5-amino-2,3-dihydro-2,2,4,6,7-pentamethyl-3-benzofuranyl)carbonyl]-4-[4-(1H-imidazol-1-yl)phenyl]- (9CI) (CA INDEX NAME)



RN 841294-43-7 HCAPLUS  
 CN 5-Benzofuranamine, 2,3-dihydro-3-[[4-[4-(1H-imidazol-1-yl)phenyl]-1-piperazinyl]methyl]-2,2,4,6,7-pentamethyl- (CA INDEX NAME)



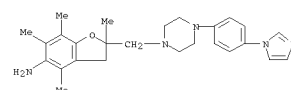
RN 841294-44-8 HCAPLUS  
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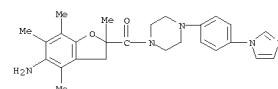
RN 841294-45-9 HCAPLUS  
 CN 5-Benzofuranol, 2,3-dihydro-2-[[4-[4-(1H-imidazol-1-yl)phenyl]-1-piperazinyl]methyl]-2,4,6,7-tetramethyl-, acetate (ester) (9CI) (CA INDEX NAME)



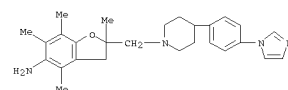
L22 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN (Continued)  
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 841294-78-8P 841294-79-9P 841294-80-2P  
 841294-81-3P 841294-82-4P 841294-83-5P  
 841294-84-6P 841295-82-7P 841298-43-9P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (Prepn. of phenylazole derivs. as antioxidants)  
 RN 841294-26-6 HCAPLUS  
 CN 5-Benzofuranamine, 2,3-dihydro-2-[[4-[4-(1H-imidazol-1-yl)phenyl]-1-piperazinyl]methyl]-2,4,6,7-tetramethyl- (CA INDEX NAME)



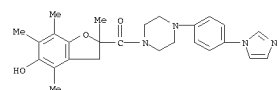
RN 841294-27-7 HCAPLUS  
 CN Piperazine, 1-[(5-amino-2,3-dihydro-2,4,6,7-tetramethyl-2-benzofuranyl)carbonyl]-4-[4-(1H-imidazol-1-yl)phenyl]- (9CI) (CA INDEX NAME)



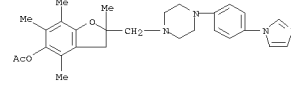
RN 841294-28-8 HCAPLUS  
 CN 5-Benzofuranamine, 2,3-dihydro-2-[[4-[4-(1H-imidazol-1-yl)phenyl]-1-piperidinyl]methyl]-2,4,6,7-tetramethyl- (CA INDEX NAME)



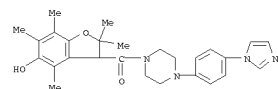
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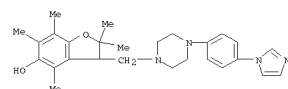
L22 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN (Continued)



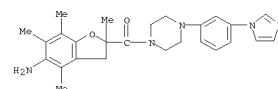
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 CN Piperazine, 1-[(2,3-dihydro-5-hydroxy-2,2,4,6,7-pentamethyl-3-benzofuranyl)carbonyl]-4-[4-(1H-imidazol-1-yl)phenyl]- (9CI) (CA INDEX NAME)



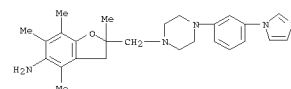
RN 841294-49-3 HCAPLUS  
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RN 841294-50-6 HCAPLUS  
 CN Piperazine, 1-[(5-amino-2,3-dihydro-2,4,6,7-tetramethyl-2-benzofuranyl)carbonyl]-4-[3-(1H-imidazol-1-yl)phenyl]- (9CI) (CA INDEX NAME)

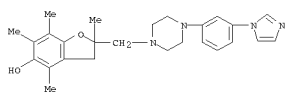


RN 841294-51-7 HCAPLUS  
 CN 5-Benzofuranamine, 2,3-dihydro-2-[[4-[3-(1H-imidazol-1-yl)phenyl]-1-piperazinyl]methyl]-2,4,6,7-tetramethyl- (CA INDEX NAME)

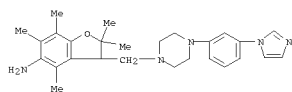


RN 841294-54-0 HCAPLUS

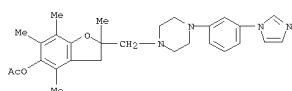
L22 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN (Continued)  
 CN 5-Benzofuranol, 2,3-dihydro-2-[[4-[[3-(1H-imidazol-1-yl)phenyl]-1-piperazinyl)methyl]-2,4,6,7-tetramethyl- (CA INDEX NAME)



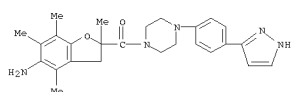
RN 841294-55-1 HCAPLUS  
 CN 5-Benzofuranamine, 2,3-dihydro-2-[[4-[[3-(1H-imidazol-1-yl)phenyl]-1-piperazinyl)methyl]-2,2,4,6,7-pentamethyl- (CA INDEX NAME)



RN 841294-56-2 HCAPLUS  
 CN 5-Benzofuranol, 2,3-dihydro-2-[[4-[[3-(1H-imidazol-1-yl)phenyl]-1-piperazinyl)methyl]-2,4,6,7-tetramethyl-, acetate (ester) (9CI) (CA INDEX NAME)



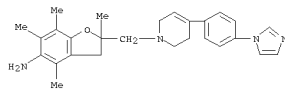
RN 841294-57-3 HCAPLUS  
 CN Piperazine, 1-[(5-amino-2,3-dihydro-2,4,6,7-tetramethyl-2-benzofuranyl)carbonyl]-4-[[4-(1H-pyrazol-3-yl)phenyl]- (9CI) (CA INDEX NAME)



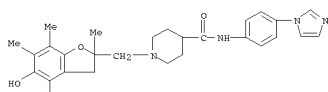
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 CN Piperazine, 1-[(2,3-dihydro-5-hydroxy-2,4,6,7-tetramethyl-2-benzofuranyl)carbonyl]-4-[[4-(1H-pyrazol-3-yl)phenyl]- (9CI) (CA INDEX NAME)



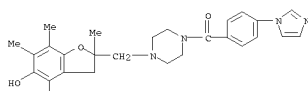
L22 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN (Continued)



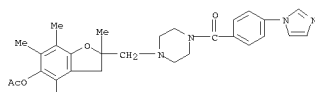
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RN 841294-77-7 HCAPLUS  
 CN Piperazine, 1-[(2,3-dihydro-5-hydroxy-2,4,6,7-tetramethyl-2-benzofuranyl)methyl]-4-[[4-(1H-imidazol-1-yl)benzoyl]- (9CI) (CA INDEX NAME)



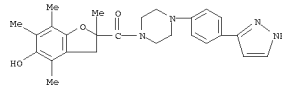
RN 841294-78-8 HCAPLUS  
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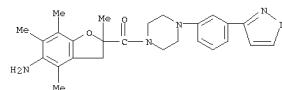
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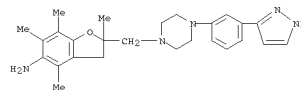
L22 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN (Continued)



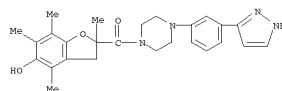
RN 841294-60-8 HCAPLUS  
 CN Piperazine, 1-[(5-amino-2,3-dihydro-2,4,6,7-tetramethyl-2-benzofuranyl)carbonyl]-4-[[3-(1H-pyrazol-3-yl)phenyl]- (9CI) (CA INDEX NAME)



RN 841294-61-9 HCAPLUS  
 CN 5-Benzofuranamine, 2,3-dihydro-2,4,6,7-tetramethyl-2-[[4-[[3-(1H-pyrazol-3-yl)phenyl]-1-piperazinyl)methyl]- (CA INDEX NAME)



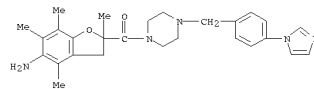
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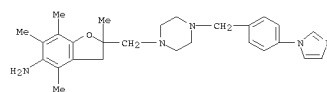
RN 841294-74-4 HCAPLUS  
 CN 5-Benzofuranamine, 2-[[3,6-dihydro-4-[[4-(1H-imidazol-1-yl)phenyl]-1(2H)-pyridinyl)methyl]-2,3-dihydro-2,4,6,7-tetramethyl- (CA INDEX NAME)



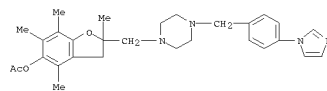
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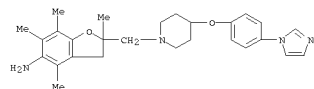
RN 841294-80-2 HCAPLUS  
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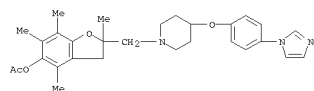
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 CN 5-Benzofuranol, 2,3-dihydro-2-[[4-[[4-(1H-imidazol-1-yl)phenyl)methyl]-1-piperazinyl)methyl]-2,4,6,7-tetramethyl-, acetate (ester) (9CI) (CA INDEX NAME)



RN 841294-82-4 HCAPLUS  
 CN 5-Benzofuranamine, 2,3-dihydro-2-[[4-[[4-(1H-imidazol-1-yl)phenoxy]-1-piperidinyl)methyl]-2,4,6,7-tetramethyl- (CA INDEX NAME)

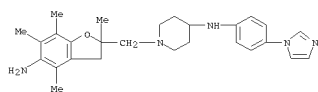


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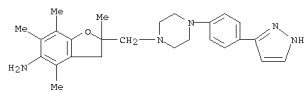


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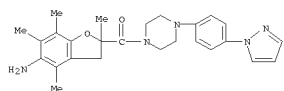
L22 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN (Continued)  
 CN 4-Piperidinamine, 1-[(5-amino-2,3-dihydro-2,4,6,7-tetramethyl-2-benzofuranyl)methyl]-N-[4-(1H-imidazol-1-yl)phenyl]- (CA INDEX NAME)



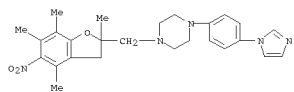
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RN 841298-43-9 HCAPLUS  
 CN Piperazine, 1-[(5-amino-2,3-dihydro-2,4,6,7-tetramethyl-2-benzofuranyl)carbonyl]-4-[4-(1H-pyrazol-1-yl)phenyl]- (9CI) (CA INDEX NAME)

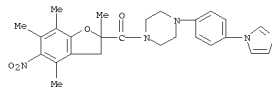


IT 841295-41-8P 841295-42-9P 841295-46-3P  
 841295-50-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); PACT (Reactant or reagent)  
 (preparation of phenylazole derivs. as antioxidants)  
 RN 841295-41-8 HCAPLUS  
 CN Piperazine, 1-[(2,3-dihydro-2,4,6,7-tetramethyl-5-nitro-2-benzofuranyl)methyl]-4-[4-(1H-imidazol-1-yl)phenyl]- (CA INDEX NAME)

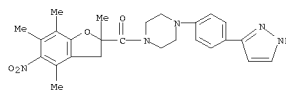


RN 841295-42-9 HCAPLUS  
 CN Piperazine, 1-[(2,3-dihydro-2,4,6,7-tetramethyl-5-nitro-2-benzofuranyl)carbonyl]-4-[4-(1H-imidazol-1-yl)phenyl]- (9CI) (CA INDEX NAME)

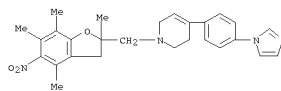
L22 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 841295-46-3 HCAPLUS  
 CN Piperazine, 1-[(2,3-dihydro-2,4,6,7-tetramethyl-5-nitro-2-benzofuranyl)carbonyl]-4-[4-(1H-pyrazol-3-yl)phenyl]- (9CI) (CA INDEX NAME)



RN 841295-50-9 HCAPLUS  
 CN Pyridine, 1-[(2,3-dihydro-2,4,6,7-tetramethyl-5-nitro-2-benzofuranyl)methyl]-1,2,3,6-tetrahydro-4-[4-(1H-imidazol-1-yl)phenyl]- (CA INDEX NAME)



RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

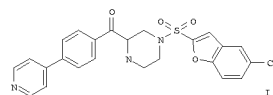
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L30 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on SIN  
 AN 1999:72303 HCAPLUS  
 DN 131:322629  
 TI Preparation of 1-heteroarylsulfonyl-4-heteroarylbenzoyl piperazines and  
 analogs as Factor Xa inhibitors  
 IN Caulkett, Peter William Rodney; James, Roger; Pearson, Stuart Eric;  
 Slater, Anthony Michael; Walker, Rolf Peter  
 PA Zeneca Limited, UK  
 SO PCT Int. Appl., 39 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO-----9957113	A1	19991111	1999WO-GB0001308	19990427
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SS, UG, ZW, ZI, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA-----2331042	A1	19991111	1999CA-002331042	19990427
AU-----9926206	A	19991123	1999AU-000036206	19990427
AU-----754453	B2	20021114		
BR-----9910179	A	20010109	1999BR-000010179	19990427
TR-----200003200	T2	20010221	2000TR-000003200	19990427
EP-----1082321	A1	20010314	1999EP-000918178	19990427
EP-----1082321	B1	20041117		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
HU--2001001712	A2	20011128	2001HU-000001712	19990427
HU--2001001712	A3	20030128		
EE-----200000527	A	20020215	2000EE-000000527	19990427
NZ-----507835	A	20030131	1999NZ-000507835	19990427
CN-----1133634	B	20040107	1999CN-000808218	19990427
RU-----2225865	C2	20040320	2000RU-000130219	19990427
IL-----139406	A	20040725	1999IL-000139406	19990427
AT-----282610	T	20041215	1999AT-000918178	19990427
PT-----1082321	T	20050331	1999PT-000918178	19990427
EP-----1528061	A1	20050504	2004EP-000022155	19990427
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
ES-----222131	T3	20050516	1999ES-000918178	19990427
IN-1999DE00659	A	20050701	1999IN-DE0000659	19990429
ZA--2000006031	A	20020125	2000ZA-000006031	20001025
MX--2000PA10675	A	20000821	2000MX-PA0010675	20001030
NO--2000005497	A	20001221	2000NO-000005497	20001101
NO-----320893	B1	20060206		
US-----6753331	B1	20040622	2001US-000674559	20010104
HK-----1034711	A1	20050513	2001HK-000105226	20010726
US-20040266759	A1	20041230	2004US-000817960	20040406
PRAI 1998GB-000009351	A	19980502		
1999GB-000003337	A	19990216		
1999EP-000918178	A3	19990427		
1999WO-GB0001308	W	19990427		
2001US-000674559	A1	20010104		
MARPAT 131:322629				

OS  
GI

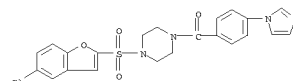
L30 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on SIN (Continued)



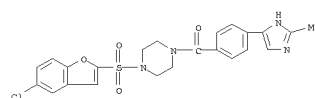
AB RECO01502R1 [R = (un)substituted heteroaryl; R1 = (un)substituted 2-indolyl, -2-benzimidazolyl, -2-benzo[b]furanyl, etc.; Z = (un)substituted 1,4-phenylene; Z1 = (un)substituted piperidine-4,1-diyl or -piperazine-1,4-diyl] were prepared. Thus, 5-chlorobenzo[b]furan-2-sulfonyl chloride was amidated by piperazine and the product amidated by 4-(4-pyridyl)benzoic acid to give title compound I. Data for biol. activity of I were given.

IT 249292-01-1P 249292-19-1P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of 1-heteroarylsulfonyl-4-heteroarylbenzoylpiperazines and analogs as Factor Xa inhibitors)

RN 249292-01-1 HCAPLUS  
 CN Piperazine, 1-[(5-chloro-2-benzofuranyl)sulfonyl]-4-[4-(1H-imidazol-1-yl)benzoyl]- (9CI) (CA INDEX NAME)



RN 249292-19-1 HCAPLUS  
 CN Piperazine, 1-[(5-chloro-2-benzofuranyl)sulfonyl]-4-[4-(2-methyl-1H-imidazol-4-yl)benzoyl]- (9CI) (CA INDEX NAME)



RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 14:01:23 ON 02 APR 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

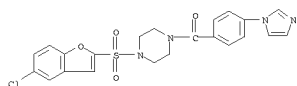
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CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

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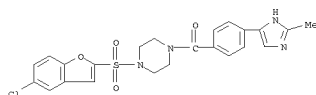


L32 ANSWER 1 OF 2 USPATFULL on STN  
 AN 2004:35665 USPATFULL  
 TI Heterocyclic derivatives which inhibit factor Xa  
 IN Caulkett, Peter W.R., Macclesfield, UNITED KINGDOM  
 James, Roger, Macclesfield, UNITED KINGDOM  
 Pearson, Stuart E., Macclesfield, UNITED KINGDOM  
 Slater, Anthony M., Macclesfield, UNITED KINGDOM  
 Walker, Rolf P., Macclesfield, UNITED KINGDOM  
 AstraZeneca AB (non-U.S. corporation)  
 PA US-20040266759 A1 20041230  
 AI 200405-000817960 A1 20040406 (10)  
 RLI Continuation of Ser. No. 2001US-000674559, filed on 4 Jan 2001, GRANTED,  
 Pat. No. US-6753331 A 371 of International Ser. No.  
 1999WO-GB0001308, filed on 27 Apr 1999, UNKNOWN  
 PRAI 1998GB-000009351 19980502  
 1999GB-000003337 19990216  
 DT Utility  
 FS APPLICATION  
 LREP MORGAN LEWIS & BOCKIUS LLP, 1111 PENNSYLVANIA AVENUE NW, WASHINGTON, DC,  
 20004  
 CLMN Number of Claims: 13  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 1164  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB The invention relates to heterocyclic derivatives of formula (I), or  
 pharmaceutically-acceptable salts thereof, which possess antithrombotic  
 and anticoagulant properties and are accordingly useful in methods of  
 treatment of humans or animals. The invention also relates to processes  
 for the preparation of the heterocyclic derivatives, to pharmaceutical  
 compositions containing them and to their use in the manufacture of  
 medicaments for use in the production of an antithrombotic or  
 anticoagulant effect. ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 249292-01-1P 249292-19-1P  
 (preparation of 1-heteroarylsulfonyl-4-heteroarylbenzoylpiperazines and  
 analogs as Factor Xa inhibitors)  
 RN 249292-01-1 USPATFULL  
 CN Piperazine, 1-[(5-chloro-2-benzofuranyl)sulfonyl]-4-[4-(1H-imidazol-1-  
 yl)benzoyl]- (9CI) (CA INDEX NAME)

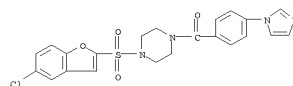


RN 249292-19-1 USPATFULL  
 CN Piperazine, 1-[(5-chloro-2-benzofuranyl)sulfonyl]-4-[4-(2-methyl-1H-  
 imidazol-4-yl)benzoyl]- (9CI) (CA INDEX NAME)

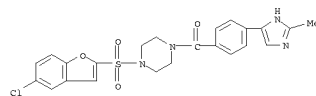


L32 ANSWER 2 OF 2 USPATFULL on STN  
 AN 2004:35490 USPATFULL  
 TI Heterocyclic derivatives which inhibit factor Xa  
 IN Caulkett, Peter WR, Macclesfield, UNITED KINGDOM  
 James, Roger, Macclesfield, UNITED KINGDOM  
 Pearson, Stuart E, Macclesfield, UNITED KINGDOM  
 Slater, Anthony M, Macclesfield, UNITED KINGDOM  
 Walker, Rolf P, Macclesfield, UNITED KINGDOM  
 AstraZeneca AB, Sodertalje, SWEDEN (non-U.S. corporation)  
 PA US-6753331 B1 20040622  
 WO-9957113 19991111  
 AI 2001US-000674559 20010104 (9)  
 1999WO-GB0001308 19990427  
 PRAI 1998GB-000009351 19980502  
 1999GB-000003337 19990216  
 DT Utility  
 FS GRANTED  
 EXNAM Primary Examiner: Raymond, Richard L.  
 LREP Morgan, Lewis & Bockius, LLP  
 CLMN Number of Claims: 11  
 ECL Exemplary Claim: 1  
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
 LN.CNT 1058  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB The invention relates to heterocyclic derivatives of formula (I), or  
 pharmaceutically-acceptable salts thereof, which possess antithrombotic  
 and anticoagulant properties and are accordingly useful in methods of  
 treatment of humans or animals. The invention also relates to processes  
 for the preparation of the heterocyclic derivatives, to pharmaceutical  
 compositions containing them and to their use in the manufacture of  
 medicaments for use in the production of an antithrombotic or  
 anticoagulant effect. ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 249292-01-1P 249292-19-1P  
 (preparation of 1-heteroarylsulfonyl-4-heteroarylbenzoylpiperazines and  
 analogs as Factor Xa inhibitors)  
 RN 249292-01-1 USPATFULL  
 CN Piperazine, 1-[(5-chloro-2-benzofuranyl)sulfonyl]-4-[4-(1H-imidazol-1-  
 yl)benzoyl]- (9CI) (CA INDEX NAME)



RN 249292-19-1 USPATFULL  
 CN Piperazine, 1-[(5-chloro-2-benzofuranyl)sulfonyl]-4-[4-(2-methyl-1H-  
 imidazol-4-yl)benzoyl]- (9CI) (CA INDEX NAME)



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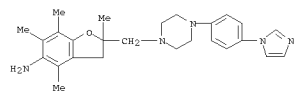
L33 ANSWER 1 OF 2 USPTFULL on STN  
 AN 2007120056 USPTFULL  
 TI Multi-Transmitter Interference Suppression Using Code-Specific Combining  
 IN Bottomley, Gregory E., 100 Merlot Court, Cary, NC, UNITED STATES 27511  
 Wang, Yi-Pin Eric, 215 Cedarpost Drive, Cary, NC, UNITED STATES 27513  
 PI US-20070104254 A1 20070510  
 AI 2006US-000566820 A1 20061205 (11)  
 RLI Continuation-in-part of Ser. No. 2003US-000720492, filed on 24 Nov 2003,  
 PENDING  
 DT Utility  
 FS APPLICATION  
 LREP COATS & BENNETT, PLLC, 1400 Crescent Green, Suite 300, Cary, NC, 27518,  
 US  
 CLMN Number of Claims: 27  
 ECL Exemplary Claim: 1  
 DRWN 7 Drawing Page(s)  
 LN.CNT 616

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

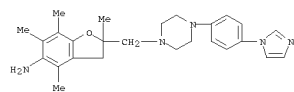
AB Multi-transmitter interference caused by one or more interfering own-cell and/or other-cell transmitters is reduced in a RAKE-based receiver. The RAKE-based receiver comprises a plurality of RAKE fingers, a processor and a combiner. The plurality of RAKE fingers are configured to despread received symbols, wherein a delay for a first one of the plurality of RAKE fingers corresponds to a symbol of interest transmitted by a first transmitter and a delay for a second one of the plurality of RAKE fingers corresponds to an interfering symbol transmitted by a second transmitter. The processor is configured to determine a cross-correlation between the symbol of interest and the interfering symbol. The combiner is configured to combine the symbol of interest with the interfering symbol using the cross-correlation to reduce interference attributable to the interfering symbol from the symbol of interest.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 841294-26-6P 841294-27-7P 841294-28-8P  
 841294-38-0P 841294-39-1P 841294-42-6P  
 841294-43-7P 841294-44-8P 841294-45-9P  
 841294-48-2P 841294-49-3P 841294-50-6P  
 841294-51-7P 841294-54-0P 841294-55-1P  
 841294-56-2P 841294-57-3P 841294-58-4P  
 841294-60-8P 841294-61-9P 841294-62-0P  
 841294-74-4P 841294-76-6P 841294-77-7P  
 841294-78-8P 841294-79-9P 841294-80-2P  
 841294-81-3P 841294-82-4P 841294-83-5P  
 841294-84-6P 841295-82-7P 841298-43-9P  
 (preparation of phenylazole derivs. as antioxidants)  
 IT 841295-41-8P 841295-42-9P 841295-46-3P  
 841295-50-9P  
 (preparation of phenylazole derivs. as antioxidants)  
 IT 841294-26-6P  
 (preparation of phenylazole derivs. as antioxidants)  
 RN 841294-26-6 USPTFULL  
 CN 5-Benzofuranamine, 2,3-dihydro-2-[[4-[[4-(1H-imidazol-1-yl)phenyl]-1-piperazinyl]methyl]-2,4,6,7-tetramethyl- (CA INDEX NAME)



L33 ANSWER 2 OF 2 USPTFULL on STN (Continued)



L33 ANSWER 2 OF 2 USPTFULL on STN  
 AN 2006129034 USPTFULL  
 TI Phenylazole compounds production process and antioxidants  
 IN Umeda, Nobuhiro, Kanagawa-ken, JAPAN  
 Mochizuki, Nobuo, Kanagawa-ken, JAPAN  
 Uchida, Seiichi, Kanagawa-ken, JAPAN  
 Takada, Mitsumasa, Kanagawa-ken, JAPAN  
 Tsubokura, Shiro, Kanagawa-ken, JAPAN  
 Shinoki, Yasuyuki, Kanagawa-ken, JAPAN  
 Shirato, Fumie, Kanagawa-ken, JAPAN  
 Moroe, Hiroko, Kanagawa-ken, JAPAN  
 Nippon Soda Co., Ltd., Tokyo, JAPAN (non-U.S. corporation)  
 PI US-20060247228 A1 20061102  
 AI 2004US-000566820 A1 20040730 (10)  
 2004WO-JP0011297 20040730

PCT 371 date

PRAI 2003JP-000285421 20030801  
 2003JP-000291881 20030811  
 2003JP-000398443 20030822  
 2004JP-000022958 20040130  
 2004JP-000023903 20040130  
 2004JP-000023971 20040130

DT Utility

FS APPLICATION

LREP DARBY & DARBY P.C., P. O. BOX 5257, NEW YORK, NY, 10150-5257, US

CLMN Number of Claims: 11

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 479

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to compounds represented by the formula (1): B-D-2 (1) [wherein B represent the following formula (B-1), (B-2) or (B-3); ##STR1## A represents an optionally substituted imidazole or pyrazole group; E represents the following formula (1a): ##STR2## X represents an oxygen atom, the formula: SO<sub>2</sub>, or the formula: N-R, sub.9; Y represents a carbon atom or a nitrogen atom; D represents an oxygen atom, a sulfur atom or the formula (1a); Z represents a chroman-2-yl group, a chroman-4-yl group, a 2,3-dihydrobenzofuran-2-yl group, a 2,3-dihydrobenzofuran-3-yl group, etc.) which is substituted with NR<sub>2</sub>, sub.10 or OR, sub.11]] or pharmaceutically acceptable salts thereof, and to antioxidants, therapeutic agents for kidney diseases or cerebrovascular disorder, and retinal oxidative damage inhibitors, which include the compounds as the active ingredient.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 841294-26-6P 841294-27-7P 841294-28-8P  
 841294-38-0P 841294-39-1P 841294-42-6P  
 841294-43-7P 841294-44-8P 841294-45-9P  
 841294-48-2P 841294-49-3P 841294-50-6P  
 841294-51-7P 841294-54-0P 841294-55-1P  
 841294-56-2P 841294-57-3P 841294-58-4P  
 841294-60-8P 841294-61-9P 841294-62-0P  
 841294-74-4P 841294-76-6P 841294-77-7P  
 841294-78-8P 841294-79-9P 841294-80-2P  
 841294-81-3P 841294-82-4P 841294-83-5P  
 841294-84-6P 841295-82-7P 841298-43-9P  
 (preparation of phenylazole derivs. as antioxidants)  
 IT 841295-41-8P 841295-42-9P 841295-46-3P  
 841295-50-9P  
 (preparation of phenylazole derivs. as antioxidants)  
 IT 841294-26-6P  
 (preparation of phenylazole derivs. as antioxidants)  
 RN 841294-26-6 USPTFULL  
 CN 5-Benzofuranamine, 2,3-dihydro-2-[[4-[[4-(1H-imidazol-1-yl)phenyl]-1-piperazinyl]methyl]-2,4,6,7-tetramethyl- (CA INDEX NAME)

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L1 1 US20060247228 /PN

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L2 TRA L1 1- RN : 165 TERMS

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L3 165 SEA L2

L4 88 L3 AND (N2C3 OR NCNC2)/ES AND 46.150.18/RID AND OC4-C6/ES

L5 46 L4 AND NRS&gt;=4

L6 37 L5 AND (NC2NC2 OR NC5)/ES

L7 STR

L8 5668 (N2C3 OR NCNC2)/ES AND 46.150.18/RID AND OC4-C6/ES

L9 517 L8 AND (NC2NC2 OR NC5)/ES

L10 37 L9 AND L3

L11 480 L9 NOT L10

L12 STR L7

SAV TEM J820C1GVI/A L14

L13 STR L7

L14 0 L13 SAM SUB=L8

L15 STR

L16 50 L15 SAM SUB=L8

L17 3137 L15 FULL SUB=L8

DEL J820C1GVI/A

SAV TEM J820C1GVI/A L17

L18 88 L17 AND L3

L19 316 L17 AND L9

L20 37 L19 AND L18

L21 279 L19 NOT L20

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L22 1 L20

L23 47 L21

L24 40 L23 AND (PD&lt;=20040730 OR PRD&lt;=20040730 OR AD&lt;=20040730)

L25 29 L24 AND PD&lt;=20030730

L26 11 L24 NOT L25

SEL HIT RN L26

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L27 46 E1-46

L28 112 E47-158

L29 2 L28 AND (C22H19CLN4O4S OR C23H21CLN4O4S)

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L30 1 L29

FILE 'HCAOLD' ENTERED AT 13:59:04 ON 02 APR 2008

L31 0 L29

FILE 'USPATFULL, USPATOLD, USPAT2' ENTERED AT 13:59:12 ON 02 APR 2008

L32 2 L29

L33 2 L20

=&gt;